

NEWS AND VIEWS



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Announcements

For more information and online registration for any of the conferences listed below, please visit www.asms.org/conferences.

ASMS Sanibel Conference Chemical Cross-linking and Covalent Labeling: From Proteins to Cellular Networks

January 24 - 27, 2019

Hilton St. Petersburg Bayfront Hotel
St. Petersburg, Florida

<http://www.asms.org/conferences/sanibel-conference/sanibel-conference-homepage>



Organizers

Andrea Sinz, *Martin-Luther University Halle-Wittenberg*

Richard Vachet, *University of Massachusetts, Amherst*

Lan Huang, *University of California, Irvine*

67th Annual ASMS Conference on Mass Spectrometry and Allied Topics

June 2 - 6, 2019

Atlanta, GA

<http://www.asms.org/conferences/annual-conference/annual-conference-homepage>



Awards

Professor **Lars Konermann** from the Department of Chemistry and the Department of Biochemistry at The University of Western Ontario (UWO), Canada, has been elected as a **2018 Fellow of the Royal Society of Canada (RSC)**. The RSC was established in 1883 as Canada's National Academy, the senior collegium of distinguished scholars, artists and scientists in the country. Prof. Konermann received his Ph.D. at the Max-Planck-Institute in Mulheim, Germany (1996), and worked as a post-doctoral fellow at the University of British Columbia in Vancouver, Canada (1996-1998). Research



Lars Konermann

in the Konermann laboratory focuses on biophysical and bioanalytical protein chemistry, using mass spectrometry and computational tools to understand the role of proteins in health and disease. His work has helped catalyze the transformation of mass spectrometry from a simple "mass" measurement tool to a comprehensive suite of techniques for interrogating protein folding, structure, function, dynamics, binding, and aggregation. Konermann's contributions to the field have been recognized numerous times. He has received the Canadian Society for Chemistry (CSC) Aroca Award (formerly known as Maxxam Award), the CSC McBryde Medal, the CSC Beamish Award, the UWO Bucke Science Prize, the ETP Ken Standing Award, and the Canadian Society for Mass Spectrometry Lossing Award. In 2015 he held a Distinguished Research Professorship, and from 2004 to 2014 was a Tier II Canada Research Chair. He has also received a number of teaching awards. Prof. Konermann also serves as Chair of the Lake Louise Tandem Mass Spectrometry Workshop and is a member of the Editorial Board of *JASMS*.

Professor **Yinsheng Wang**, the Donald T. Sawyer Endowed Founder's Chair in Chemistry at the University of California Riverside, is the recipient of the **2018 EAS Award for Outstanding Achievements in Mass Spectrometry from the Eastern Analytical Symposium**. Prof. Wang received his Ph.D. degree from Washington University in St. Louis after obtaining his B.S. and M.S. degrees from Shandong



Yinsheng Wang

University and Dalian Institute of Chemical Physics, Chinese Academy of Sciences, respectively. He joined the faculty of the University of California Riverside in 2001. Prof. Wang's current research involves the use of mass spectrometry, in conjunction with synthetic organic chemistry and molecular biology, for examining the occurrence, repair and biological consequences of DNA damage. His research group also employs quantitative proteomic approaches for interrogating metabolite- and nucleic acid-binding proteins. Prof. Wang has trained, or is currently training, over 70 Ph.D. students and post-doctoral fellows, and has co-authored more than 240 research articles. He became a Fellow of the American Association for the Advancement of Sciences in 2012, was the recipient of the inaugural *Chemical Research in Toxicology* Young Investigator Award from the Division of Chemical Toxicology of the American Chemical Society in 2012, and he received the Biemann Medal from the American Society for Mass Spectrometry in 2013. In early 2018, he was appointed as an Associate Editor for ACS' *Chemical Research in Toxicology*.

Dr. **Kerri Pratt**, the Seyhan N. Ege Assistant Professor of Chemistry in the Department of Chemistry and Department of Earth & Environmental Sciences at the University of Michigan, is the recipient of the **2018 EAS Young Investigator Award from the Eastern Analytical Symposium**.



Kerri Pratt

The award recognizes outstanding contributions to the development of any aspect of analytical chemistry, and is given to early career scientists within 10 years of receiving their highest degree. Dr. Pratt received her B.S. in Chemistry from the Pennsylvania State University in 2004 and her Ph.D. in Chemistry from the University of California, San Diego in 2009 with Prof. Kimberly A. Prather. As a Ph.D. student she received an NSF Graduate Research Fellowship and EPA STAR Graduate Fellowship. She completed her postdoctoral research at Purdue University with Prof. Paul B. Shepson as a NOAA Climate & Global Change Postdoctoral Fellow and NSF Postdoctoral Fellow in Polar Regions Research. Dr. Pratt joined the faculty of the University of Michigan in 2013. The Pratt research group develops and applies novel mass spectrometry techniques to environmental chemistry research. Her primary focus is the field deployment of an aerosol time-of-flight mass spectrometer for real-time measurements of 0.07-1.6 μm aerosols, a chemical ionization mass spectrometer for online measurements of trace gases at ppq - ppt levels, and an ambient ion monitor-chromatography system for online inorganic trace gas and particle quantitation to study the changing Arctic and wintertime urban air quality, focusing on snowpack halogen photochemistry and individual aerosol composition. For her research to date, Dr. Pratt has received numerous awards, including an American Society for Mass Spectrometry Research Award (2014), a Society for Analytical Chemists of Pittsburgh Starter Grant Award (2014), a National Academy of Sciences Gulf Research Program Early Career Fellowship (2016), a Sloan Research Fellowship in Chemistry (2017), and the American Chemical Society James J. Morgan Environmental Science & Technology Early Career Lectureship (2018). She is a working group co-chair of the International Global Atmospheric Chemistry (IGAC) Project activity “air Pollution in the Arctic: Climate, Environment, and Societies” (PACES) and is the liaison between PACES and the IGAC activity “Cryosphere and Atmospheric Chemistry” (CATCH).

Dr. **Livia Eberlin**, Assistant Professor in the Department of Chemistry at the University of Texas at Austin (UT Austin), is the recipient of a **2018 MacArthur Fellowship** from The John D. and Catherine T. MacArthur Foundation, for her research on the use of mass spectrometry “to differentiate more quickly and accurately diseased from healthy tissues during surgery”.



Livia Eberlin

The MacArthur Fellowships, consisting of a “no strings attached” five-year grant, are awarded to individuals who show exceptional creativity in their work and the prospect for still more in the future. The Fellowships are intended to encourage people of outstanding talent to pursue their own creative, intellectual, and professional activities for the benefit of human society, in the absence of specific obligations or reporting requirements. Dr. Eberlin received her B.S. in Chemistry in 2007 from the State University of Campinas (UNICAMP) in São Paulo, Brazil, and a Ph.D. in 2012 in Analytical Chemistry under the mentorship of Prof. R. Graham Cooks at Purdue University. During her Ph.D. studies, Dr. Eberlin developed and applied ambient ionization mass spectrometry imaging to human cancer diagnosis and surgical margin evaluation. In recognition of her innovative Ph.D. work, Dr. Eberlin received several awards including the Nobel Laureate Signature Award from the American Chemical Society. In 2012, she started her postdoctoral work at Stanford University under the guidance of Prof. Richard N. Zare, where she continued to develop mass spectrometry technology for biomedical research. During that period, she received the L’Oréal for Women in Science Fellowship, and an NIH/NCI K99 pathway to independence award. In 2016, Dr. Eberlin started her independent career at UT Austin.

Professor **Joshua Coon**, from the Department of Chemistry and Biomolecular Chemistry and the Director of the NIGMS National Center for Quantitative Biology of Complex Systems at the University of Wisconsin–Madison, and the Thomas and Margaret Pyle Chair at the Morgridge Institute for Research, is the recipient of a **2018 Discovery in Proteomic Sciences Award** from the **Human Proteome Organization (HUPO)**.



Joshua Coon

Dr. Coon was recognized for his contributions to proteomics and metabolomics research, by developing next generation instrumentation and instrument methods, proteomics workflows, novel isotopic labeling quantitative approaches, and associated software development. This includes the development, with Prof. Don Hunt (U. Virginia) and Dr. John Syka (Thermo-Fisher), of the Electron Transfer Dissociation (ETD) technique that has important applications in analyzing intact proteins, post-translational modifications, and structural aspects of the proteome (Prof. Coon received the ASMS Biemann Medal in 2012 for this work). The award was presented at the 17th Annual HUPO World Congress held Sept. 30 – Oct. 3, 2018 in Orlando, Florida.

Drs. **John Syka**, **Jae Schwartz**, **Lee Earley** and **Christopher Mullen** from Thermo-Fisher Scientific, USA are the recipients of the **2018 Science and Technology Award** from the **Human Proteome Organization (HUPO)**. Sponsored by the HUPO Industrial Advisory Board, the Science and Technology Award recognizes an individual or team in private industry who played a key role in commercialization of a proteomics technology,

product, or procedure. The award was given to recognize their significant roles in the development and commercialization of the Electron Transfer Dissociation (ETD) technique. The award was presented at the 17th Annual HUPO World Congress held Sept. 30 – Oct. 3, 2018 in Orlando, Florida.



John Syka, Jae Schwartz, Lee Earley and Christopher Mullen

Related Events

ASMS is pleased to offer announcements for other non-profit organizations. Please email details including website to info@asms.org.

January 30 – February 3, 2019

**27th Australian and New Zealand Society for
Mass Spectrometry Conference**
Auckland, New Zealand
<http://www.anzsms.org>

February 7 - 10, 2019

24th Annual Lorne Proteomics Symposium
Lorne, Victoria, Australia
<http://www.australasianproteomics.org/lorne-proteomics-symposium-2019>

March 31 – April 4, 2019

**Mass Spectrometry: Applications to the
Clinical Laboratory**
Palm Spings, CA
<https://www.msac1.org>

September 15 – 18, 2019

18th Human Proteome Organization World Congress
Adelaide, South Australia, Australia
<https://www.hupo2019.org>